

### **ABSTRACT**

The invention concerns a supply air terminal device (10) including side plates (12) and an air guiding part (13). A heat exchanger (14) is fitted in the device below a supply air chamber (11) for supply air in between air guiding parts (13) located on both sides of the central axis ( $Y_1$ ) of the device. In the device, the supply air chamber (11) includes nozzle apertures ( $12a_1, 12a_2 \dots, 12b_1, 12b_2 \dots$ ) to conduct fresh supply air into a side chamber ( $B_1$ ) and to induce a flow of circulated air ( $L_2$ ) from the room space through the heat exchanger (14) into the side chamber ( $B_1$ ). Using the heat exchanger (14) the circulated air may be either cooled or heated. The equipment includes a control device (15) for the induction ratio of the supply air flow ( $L_1$ ) and the circulated air flow ( $L_2$ ) for controlling in which ratio there is fresh air ( $L_1$ ) and circulated air ( $L_2$ ) in the combined air flow ( $L_1 + L_2$ ).

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